# KEVIN GAO

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## SKILLS

- **Programming Languages and Frameworks**
HTML/CSS(Mastery), React/React Native/Redux(Proficiency), JavaScript/Node.js(Proficiency), Python 3(Proficiency), C/C++(Proficiency), Flask(Proficiency), Electron.js(Familiar),

- **Software and Tooling**
Git(Proficiency), Figma(Proficiency), Adobe XD(Familiar), Jest.js(Familiar), Google Cloud(Familiar), Azure(Familiar)

## EDUCATION

SEPTEMBER 2021 – APRIL 2026 (EXPECTED GRADUATION DATE)

**CANDIDATE FOR BACHELOR OF SOFTWARE ENGINEERING,** UNIVERSITY OF WATERLOO

## WORK EXPERIENCE

**E-BUSINESS WEBSITE DEVELOPER,** SANTORINI GRILL AND BAR **(SANTORININAPANEE.COM)**

JULY 2021 - CURRENT| REMOTE
- Optimized Shopify template by migrating to newer version to increase load times by 40%.
- Created new Shopify template to give website new look and features.

**WEBSITE AND DESIGN LEAD,** JAMHACKS **(WWW.JAMHACKS.CA)**

JULY 2020 –JUNE 2021 | REMOTE
- Designed UI/UX for 2021 website.
- Built the 2021 website including site architecture, styling, and animations

**SOFTWARE ENGINEER INTERN,** CHEAPREATS **(WWW.CHEAPREATS.COM)**

JULY 2020 – AUGUST 2020 | REMOTE
- Added website sections and optimized website images, increasing load times by 20%
- Designed and integrated Google My Business listings into the vendor dashboard.

## TECHNICAL PROJECTS

**GALAXY GARDEN, DESKTOP APPLICATION, GITHUB, DEVPOST**

Desktop app build with Electron.js and Three.js that creates procedurally generated solar system simulations that you can save as your desktop background.

**ACREAGE CONTOUR,** WEB APPLICATION, **GITHUB, DEVPOST**

Web app built with React, Node.js, Flask, and PyTorch for automating drawing accurate land cover maps to help fight habitat destruction and fragmentation using machine learning.

**SOCKMATCH, MOBILE APPLICATION, GITHUB, DEVPOST**

Mobile App built with React Native, Flask, and PyTorch for detecting matching pairs of socks machine learning and image processing to aid the visually impaired.

**GREEN ROUTE, WEB APPLICATION, GITHUB, DEVPOST**

Web app built with Vanilla JavaScript, Flask, and Google Maps API for finding the most ecofriendly driving routes by taking in altitude and other factors into consideration.